

Converting Colors

CIELCh(59, 9.706, 215.321)

Have a look what the booklet for
CIELCh(59, 9.706, 215.321) contains.

CIELCh(59, 9.707, 212.153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 9.707, 212.153)

Conversions

Conversions Part 1

Format	Color
Hex	799397
RGB	121, 147, 151
RGB Percent	47%, 58%, 59%
CMY	0.5268, 0.4248, 0.4092
CMYK	0.20, 0.03, 0.00, 0.41
HSL	188°, 13%, 53%
HSV	188°, 20%, 59%
XYZ	23.7793, 27.0277, 33.0984
YIQ	139.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

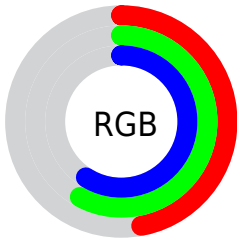
Format	Color
RYB	121, 135, 151
Decimal	7967639
CIELab	59.00, -8.22, -5.17
CIElCh	59, 9.707, 212.153
Yxy	27.0277, 0.2834, 0.3221
Android (android.graphics.Color)	4286157719 (0xFF799397)
YUV	139.6820, 5.5798, -16.3841
Hunter-Lab	51.9882, -9.3340, -1.3553

Details

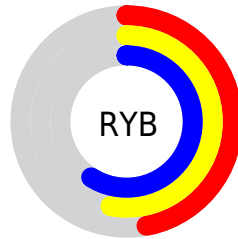
The CIELCh color `59, 9.707, 212.153` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `55, 11.071, 32.361`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 9.636, 211.632`, and `39, 9.465, 213.415` is the 20% darker color. If you saturate the color by 10%, you get `57, 14.090, 212.336`, and if you desaturate by 10%, it is `61, 4.970, 212.113`.

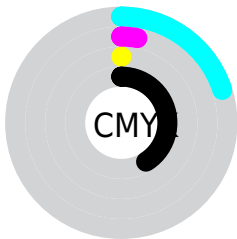
Distribution



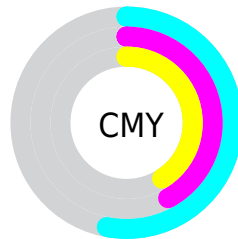
- Red (47%)
- Green (58%)
- Blue (59%)



- Red (47%)
- Yellow (53%)
- Blue (59%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 9.707, 212.153 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 59, 9.707, 212.153 by changing the saturation by 10% instead.

■ 59, 9.707, 212.153

■ 59, 9.707, 212.153

■ 100, 9.707,
212.153

■ 49, 9.707, 212.153

■ 79, 9.707, 212.153

■ 39, 9.707, 212.153

■ 89, 9.707, 212.153

■ 29, 9.707, 212.153

■ 99, 9.707, 212.153

■ 19, 9.707, 212.153

■ 9, 9.707, 212.153

■ 0, 9.707, 212.153

■ 59, 9.707, 212.153

■ 59, 9.707, 212.153

■ 57, 14.090,
212.336

■ 61, 4.970, 212.113

■ 62, 0.048, 22.690

56, 18.040,
212.694

64, 5.282, 32.064

55, 21.479,
213.255

66, 10.677, 32.270

54, 24.339,
214.059

68, 16.185, 32.492

52, 26.566,
215.158

72, 27.400, 33.008

52, 28.141,
216.603

74, 33.051, 33.291

51, 29.084,
218.446

76, 38.184, 33.694

50, 29.591,
220.614

50, 29.595,
220.634

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59, 9.707, 212.153



55, 11.071, 32.361

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 9.707, 212.153



59, 9.707, 262.153



59, 9.707, 32.153



59, 9.707, 82.153

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59, 9.707, 212.145



78, 3.772, 212.166



59, 19.120, 146.496



41, 2.518, 212.153



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 9.707, 212.145



74, 14.308, 212.213



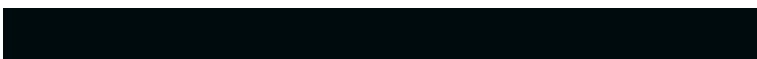
55, 11.313, 269.736



32, 2.877, 212.118



47, 28.098, 220.460



2, 3.155, 213.385

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54, 18.938, 329.449



67, 28.350, 329.724



58, 11.500, 84.409



30, 5.419, 328.808



32, 66.880, 334.207



1, 5.773, 328.697

Previews

White Background



This preview shows how the CIELCh color 59, 9.707, 212.153 looks on a white background.

Color Contrast Check

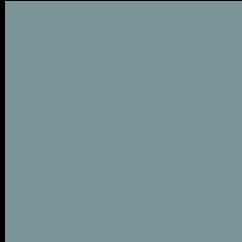
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 9.707, 212.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

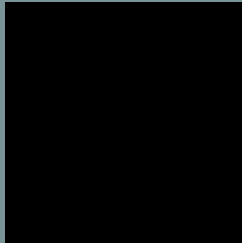
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

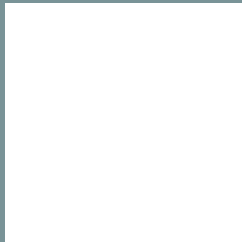
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 9.707, 212.153

Background



This preview shows how black text looks on a background with the CIELCh color 59, 9.707, 212.153.



This preview shows how white text looks on a background with the CIELCh color 59, 9.707, 212.153.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


59, 9.707, 212.153

Protanopia

59, 3.502, 303.249

Deuteranopia

59, 9.712, 319.216



Tritanopia
59, 10.481, 235.433

Trichromacy



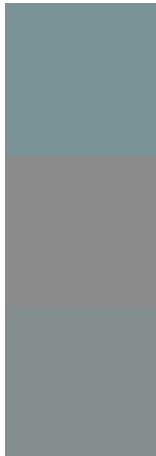
Original Color
59, 9.707, 212.153

Protanomaly
59, 4.105, 243.017

Deuteranomaly
59, 6.273, 284.011

Tritanomaly
59, 9.932, 229.775

Monochromacy



Original Color
59, 9.707, 212.153

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.850, 207.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 9.707, 212.153 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(121, 147, 151)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 147, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 9.707, 212.153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 147, 151) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 147, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 147, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 147, 151); box-shadow:4px 4px 4px 4px rgb(121, 147, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 9.707, 212.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 147, 151) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
147, 151) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor